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STATE DOCUMENTS

MONTANA

ANNUAL LOADOMETER SURVEY

AUGUST 1956

STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

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INTRODUCTION

The Montana Highway Department Planning Survey initially began truck weighing operations for statistical purposes in 1936. These studies were then discontinued until 1942 but since that time have been conducted annually during the month of August. In order that a more direct year to year comparison of the various data may be made, the field work is scheduled so that each station is operated during the same hours on approximately the same dates each year. In this manner loading trends of commercial vehicles in Montana have been kept current for the ultimate use in highway design.

Plate I on page 2 graphically illustrates truck loading trends by showing the per cent of both loaded and empty trucks in the various weight groups by years.

The tabulation on page 3 summarizes overloads in excess of state statutes concerning axle loadings, load concentrations, and registered gross weight.

The regular loadometer tables W-1 through W-6 on pages 4 - 22 summarize a variety of data collected during August of 1956 and compare them with similar data for 1955.

The following stations were operated during August of 1956:

STATION NUMBER	DESCRIPTION	STATION NUMBER	DESCRIPTION
2	Junction U.S. 12 and 310 South of Laurel	7	U.S. 89 and 91 West of Great Falls
3	U.S. 10 West of Laurel	8	Junction of U.S. 2 and 91 West of Shelby
4	Junction of U.S. 10 and 12 East of Miles City	9	U.S. 2 East of Kalispell
5	Junction of U.S. 2 and Mont. 16 North of Culbertson	10	Junction of U.S. 10 and 93 West of Missoula
6	U.S. 2 West of Glasgow	11	U.S. 10 West of Drummond

Station No. 1 on U.S. 10 and 91 west of Butte was not operated in 1956 due to road construction.

MONTANA LOADOMETER SURVEY
TRUCK LOADING TRENDS 1936 - 1956
PERCENT OF LOADED & EMPTY TRUCKS OF ALL TYPES BY WEIGHT GROUPS

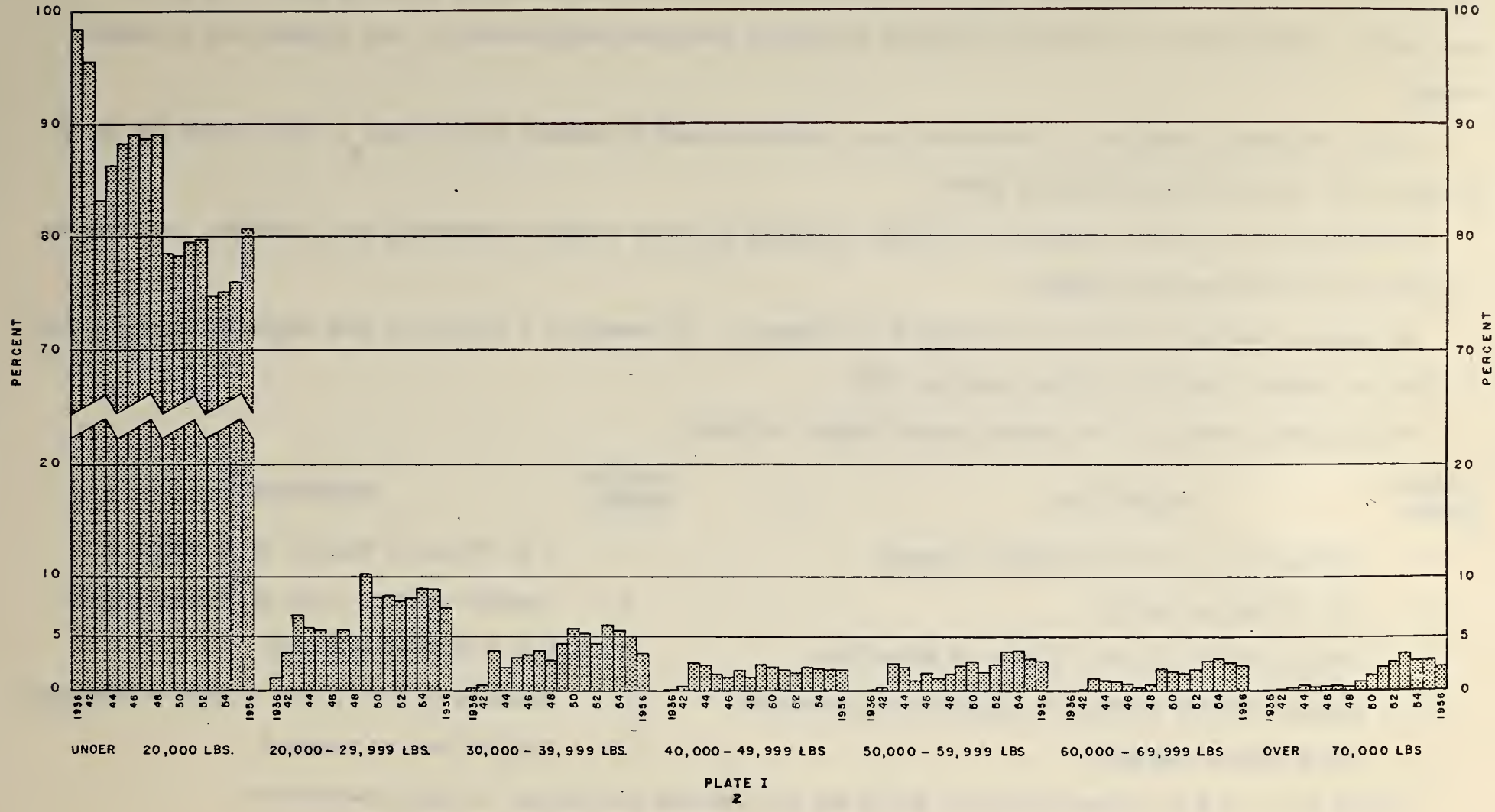


PLATE I
2

LOADINGS IN EXCESS OF MONTANA STATE LAW BY AXLES, AXLE GROUPS, AND GROSS VEHICLE WEIGHT FOR VARIOUS TYPES OF COMMERCIAL VEHICLES

AUGUST 1956

VEHICLE TYPE	ALL TRUCKS		LOADED TRUCKS							GROSS VEHICLE WEIGHT LAW	
				AXLE WEIGHT OVERLOADS		AXLE SPACING OVERLOADS		*ALL OVERLOADS			
	NUMBER COUNTED	NUMBER WEIGHED	NUMBER OF LOADED TRUCKS WEIGHED	NUMBER OF TRUCKS	PERCENT OF LOADED TRUCKS	NUMBER OF TRUCKS	PERCENT OF LOADED TRUCKS	NUMBER OF TRUCKS	PERCENT OF LOADED TRUCKS	NUMBER EXCEEDING REGISTERED WEIGHT	PERCENT OF LOADED TRUCKS
SINGLE UNITS											
PANELS AND PICKUPS	2546	687	244							6	2.5
OTHER 2 AXLE 4-TIRED	416	95	51							4	7.8
OTHER 2 AXLE 6-TIRED	1763	1032	608	8	1.3			8	1.3	30	4.9
3 AXLE	169	162	104	2	1.9	7	6.7	9	8.6	4	3.8
TRACTOR-SEMI-COMBINATIONS											
3 AXLE	223	213	136	8	5.9			8	5.9	3	2.2
4 AXLE	169	163	107	13	12.1	7	6.5	20	12.3	8	7.5
5 AXLE OR MORE	431	422	303	5	1.7	51	16.8	56	18.5	20	6.6
TRUCK-FULL TRAILER COMBINATIONS											
4 AXLE OR LESS	38	31	18	1	5.6			1	5.6	1	5.6
5 AXLE	181	175	92	7	7.6	38	41.3	45	48.9	3	3.3
6 AXLE OR MORE	-	-	-								
TOTALS	5936	2980	1663	44	2.6	103	6.2	147	8.8	79	4.8

* TRUCKS OVERLOADED IN EXCESS OF STATE LAW ON BOTH AXLE WEIGHT AND AXLE SPACING WERE COUNTED ONLY ONCE AS AN AXLE WEIGHT OVERLOAD.

TABLE W-1

STATE OF MONTANA

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO CORRESPONDING DATA FOR 1955

STATION NUMBER	ROUTE NUMBER	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED														TRUCKS & COMBINATIONS WEIGHED									
							PASSENGER CARS			SINGLE UNIT TRUCKS				TRACTOR SEMI-TR			OTHER COMBINATIONS			SINGLE UNITS				TRACTOR SEMI-TR			OTHER COMBINATIONS		
							LOCAL	FOREIGN	BUSSES	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE
1	US 10 & 91	East Leg of Junction U.S. 10 & 91 West of Butte	56			6-2																							
						2-10																							
						10-6																							
				Total																									
			55	8-4	Thurs.	6-2	1066	695	12	187	9	110	17	15	6	27	8	16	3	5	-	34	9	14	6	22	1	10	3
				8-1	Mon.	2-10	1640	622	14	201	4	88	10	7	7	30	5	6	3	4	-	27	2	7	6	30	-	1	3
				8-2	Tues.	10-6	324	111	18	39	1	11	1	6	7	19	4	7	4	3	-	4	1	6	5	19	3	5	4
				Total			3030	1428	44	427	14	209	28	28	20	76	17	29	10	12	-	65	12	27	17	71	4	16	10
2	US 12 & 310	North Leg of Junction U.S. 12 & 310 near Rockvale	56	8-7	Tues.	6-2	463	342	5	88	23	85	5	17	13	11	4	11	-	58	6	51	5	17	13	11	4	10	-
				8-6	Mon.	2-10	548	376	8	85	13	70	5	11	14	15	3	11	-	30	3	67	5	11	13	15	3	11	-
				Total			1011	718	13	173	36	155	10	28	27	26	7	22	-	88	9	118	10	28	26	26	7	21	-
			55	8-8	Mon.	6-2	538	336	5	84	5	97	6	13	10	6	5	9	-	9	-	60	5	10	9	6	-	3	-
				8-5	Fri.	2-10	704	366	6	81	3	50	7	14	10	15	3	22	-	6	1	25	5	9	9	10	2	18	-
				Total			1242	702	11	165	8	147	13	27	20	21	8	31	-	15	1	85	10	19	18	16	2	21	-
3	US 10	U.S. 10 Just West of Laurel	56	8-9	Thurs	6-2	571	527	7	106	30	81	4	12	7	28	1	11	-	36	-	57	4	12	7	26	1	11	-
				8-8	Wed.	2-10	843	397	5	98	16	58	3	15	7	38	1	20	-	56	2	52	3	14	6	37	1	20	-
				Total			1414	924	12	204	46	139	7	27	14	66	2	31	-	92	2	109	7	26	13	63	2	31	-
			55	8-10	Wed.	6-2	652	467	8	101	13	77	2	25	9	27	3	8	1	11	2	30	1	24	9	24	-	7	-
				8-9	Tues.	2-10	809	449	6	93	15	55	1	24	11	32	16	29	1	6	2	17	1	17	8	31	4	15	1
				Total			1461	916	14	194	28	132	3	49	20	59	19	37	2	17	4	47	2	41	17	55	4	22	1
4	US 10 & 12	Southwest Leg Junction U.S. 10 & 12 East of Miles City	56	8-13	Mon.	6-2	548	560	2	111	30	72	2	17	10	15	2	1	-	52	3	67	1	17	10	14	2	1	-
				8-10	Fri.	2-10	1108	544	3	97	21	55	-	14	9	17	1	2	-	48	2	52	-	14	9	17	1	2	-
				Total			1656	1104	5	208	51	127	2	31	19	32	3	3	-	100	5	119	1	31	19	31	3	3	-
			55	8-12	Fri.	6-2	467	527	5	106	10	73	3	17	12	17	3	1	-	14	2	41	2	13	12	17	-	1	-
				8-11	Thurs	2-10	1163	520	4	92	6	48	5	18	9	19	7	4	-	13	2	22	4	14	9	18	2	4	-
				Total			1630	1047	9	198	16	121	8	35	21	36	10	5	-	27	4	63	6	27	21	35	2	5	-
5	US 2	East Leg of Junction U.S. 2 & Mont. 16 near Culbertson	56	8-15	Wed.	6-2	234	332	-	63	4	40	3	7	15	16	-	4	-	25	4	40	3	7	15	15	-	4	-
				8-14	Tues.	2-10	351	249	-	46	13	30	5	6	8	9	1	12	-	24	10	30	5	6	8	9	1	12	-
				Total			585	581	-	109	17	70	8	13	23	25	1	16	-	49	14	70	8	13	23	24	1	16	-
			55	8-16	Tues.	6-2	203	415	1	60	7	45	3	8	5	4	5	1	-	7	-	39	3	8	5	4	-	1	-
				8-15	Mon.	2-10	335	296	1	44	2	22	3	11	11	6	2	4	-	6	1	22	3	10	11	6	2	4	-
				Total			538	711	2	104	9	67	6	19	16	10	7	5	-	13	1	61	6	18	16	10	2	5	-
6	US 2	U.S. 2 Just West of Glasgow	56	8-17	Fri.	6-2	815	376	1	193	9	99	3	8	11	14	1	2	-	60	3	52	2	7	10	12	1	2	-
				8-16	Thurs	2-10	1114	320	1	176	31	71	1	5	14	6	1	4	-	35	1	21	1	4	13	5	1	4	-
				Total			1929	696	2	369	40	170	4	13	25	20	2	6	-	95	4	73	3	11	23	17	2	6	-
			55	8-18	Thurs	6-2	632	477	6	184	23	94	14	10	3	11	6	5	-	17	1	44	6	6	3	10	1	3	-
				8-17	Wed.	2-10	956	447	3	168	22	68	11	27	9	12	7	3	-	9	2	40	7	13	7	11	2	3	-
				Total			1588	924	9	352	45	162	25	37	12	23	13	8	-	26	3	84	13	19	10	21	3	6	-

TABLE W-1

STATE OF MONTANA

LOCATION AND TIME OF OPERATION OF EACH LOADOMETER STATION, SHOWING NUMBER OF VEHICLES COUNTED AND WEIGHED AT EACH BY TYPE DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO CORRESPONDING DATA FOR 1955

STATION NUMBER	ROUTE NUMBER	DESCRIPTION OF STATION LOCATION	YEAR	MONTH & DAY	DAY OF WEEK	HOURS	VEHICLES COUNTED												TRUCKS & COMBINATIONS WEIGHED									
							PASSENGER CARS			SINGLE UNIT TRUCKS				TRACTOR SEMI-TR			OTHER COMBINATIONS			SINGLE UNITS				TRACTOR SEMI-TR			OTHER COMBINATIONS		
							LOCAL	FOREIGN	BUSSES	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE	PANEL & PICK-UP	OTHER 4-TIRED	OTHER 6-TIRED	3-AXLE	3-AXLE	4-AXLE	5-AXLE OR MORE	4-AXLE OR LESS	5-AXLE	6-AXLE OR MORE
7	US 89 & 91	U.S. 89 & 91 Approx. 1.1 miles West of Great Falls	56	8-22	Wed.	6-2	916	378	11	195	23	152	31	17	7	39	1	8	-	29	13	76	31	17	7	39	1	8	-
				8-21	Tues.	2-10	1117	377	10	203	30	103	17	14	14	27	4	18	-	27	10	68	17	10	14	27	4	16	-
				8-20	Mon.	10-6	254	46	2	21	3	14	8	1	4	9	1	14	-	-	3	5	7	1	4	8	-	14	-
				Total			2287	801	23	419	56	269	56	32	25	75	6	40	-	56	26	149	55	28	25	74	5	38	-
			55	8-22	Mon.	6-2	865	329	7	186	12	145	20	20	11	46	8	16	1	19	8	81	13	11	7	29	2	14	1
				8-19	Fri.	2-10	1193	353	5	193	8	98	16	24	10	17	5	8	-	33	3	61	13	8	4	15	3	4	-
				8-22	Mon.	10-6	206	43	-	20	1	13	4	2	10	9	2	21	2	2	1	6	4	1	9	9	2	18	2
				Total			2264	725	12	399	21	256	40	46	31	72	15	45	3	54	12	148	30	20	20	53	7	36	3
8	US 2	West Leg Junction of US 2 & 91 West of Shelby	56	9-5	Wed.	6-2	283	167	2	139	20	188	3	9	6	12	3	4	-	17	4	49	2	9	6	12	3	4	-
				9-4	Tues.	2-10	403	207	2	156	19	159	5	6	2	6	4	9	-	19	5	40	5	6	1	6	-	7	-
				Total			686	374	4	295	39	347	8	15	8	18	7	13	-	36	9	89	7	15	7	18	3	11	-
			55	8-25	Thurs.	6-2	491	273	2	132	8	179	4	5	4	11	-	15	-	4	-	45	2	5	4	9	-	11	-
				8-24	Wed.	2-10	738	345	7	149	3	151	2	14	6	17	4	23	1	-	-	44	-	3	2	13	2	19	-
				Total			1229	618	9	281	11	330	6	19	10	28	4	38	1	4	-	89	2	8	6	22	2	30	-
9	US 2	U.S. Approx. 5.0 miles East of Kalispell	56	8-29	Wed.	6-2	439	413	1	167	41	124	21	-	-	9	-	8	-	38	10	39	21	-	-	9	-	8	-
				8-28	Tues.	2-10	652	495	3	123	63	89	9	4	2	4	-	2	-	54	7	69	9	3	1	4	-	1	-
				Total			1091	908	4	290	104	213	30	4	2	13	-	10	-	92	17	108	30	3	1	13	-	9	-
			55	8-29	Mon.	6-2	492	406	2	159	6	118	6	5	2	4	3	5	-	66	5	108	6	3	1	4	-	5	-
				8-26	Fri.	2-10	745	482	4	117	1	85	14	4	2	3	1	4	-	45	1	85	14	4	2	2	-	2	-
				Total			1237	888	6	276	7	203	20	9	4	7	4	9	-	111	6	193	20	7	3	6	-	7	-
10	US 10 & 93	Southeast Leg of Junction U.S. 10 & 93 West of Missoula	56	8-31	Fri.	6-2	608	1099	11	122	14	121	18	19	8	32	-	19	-	11	4	49	18	19	8	32	-	19	-
				8-30	Thurs.	2-10	817	937	11	126	9	67	9	17	10	54	1	8	-	12	2	66	8	17	10	54	-	8	-
				Total			1425	2036	22	248	23	188	27	36	18	86	1	27	-	23	6	115	26	36	18	86	-	27	-
			55	8-31	Wed.	6-2	624	717	8	116	6	115	7	15	9	29	3	18	4	4	2	54	5	15	9	28	1	18	3
				8-30	Tues.	2-10	734	685	6	120	5	64	4	17	9	35	-	14	3	2	1	38	2	15	9	33	-	8	3
				Total			1358	1402	14	236	11	179	11	32	18	64	3	32	7	6	3	92	7	30	18	61	1	26	6
11	US 10	U.S. 10 Just West of Drummond	56	7-31	Tues.	6-2	538	806	7	114	3	49	11	12	6	34	6	6	-	12	2	47	11	10	6	34	6	6	-
				7-30	Mon.	2-10	625	723	8	117	1	36	6	12	2	36	3	7	-	44	1	35	4	12	2	36	2	7	-
				Total			1163	1529	15	231	4	85	17	24	8	70	9	13	-	56	3	82	15	22	8	70	8	13	-
			55	9-2	Fri.	6-2	527	821	6	109	2	52	13	13	7	24	3	9	4	7	1	35	13	13	7	24	3	8	4
				9-1	Thurs.	2-10	539	623	8	111	4	29	10	18	8	27	1	7	2	11	2	29	7	16	8	27	1	6	2
				Total			1066	1444	14	220	6	81	23	31	15	51	4	16	6	18	3	64	20	29	15	51	4	14	6
		TOTAL OF STATIONS	56				13247	9671	100	2546	416	1763	169	223	169	431	38	181	-	687	95	1032	162	213	163	422	31	175	-
		2 TO 11 INCLUSIVE	55				13613	9377	100	2425	162	1678	155	304	167	371	87	226	19	291	37	926	116	218	144	330	27	172	16

TABLE W-2

STATE OF MONTANA

NUMBER AND PERCENTAGE OF VEHICLES OF EACH TYPE COUNTED AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO CORRESPONDING DATA FOR 1955

TYPE OF VEHICLE	NUMBER COUNTED DURING PERIOD			PERCENTAGE OF TOTAL NUMBER OF VEHICLES			PERCENTAGE OF TOTAL NUMBER OF TRUCKS AND COMBINATIONS			TRUCKS AND COMBINATIONS WEIGHED		PERCENTAGE WEIGHED OF TOTAL COUNTED BY TYPES	
	1956	1955	1956:1955	1956	1955	1956:1955	1956	1955	1956:1955	1956	1955	1956	1955
PASSENGER CARS													
LOCAL	13247	13613	0.9731	45.75	47.46	0.9644							
FOREIGN	9671	9377	1.0314	33.40	32.69	1.0217							
SUBTOTAL PASSENGER CARS	22918	22990	0.9969	79.15	80.15	0.9875							
TRUCKS, SINGLE-UNIT													
PANEL AND PICKUP (UNDER 1½ TONS)	2546	2425	1.0499	8.79	8.45	1.0402	42.89	43.35	0.9894	687	291	26.98	12.00
OTHER 2 AXLE, 4-TIRED	416	162	2.5679	1.44	0.56	2.5714	7.01	2.89	2.4256	95	37	22.84	22.84
OTHER 2 AXLE, 6-TIRED	1763	1678	1.0507	6.09	5.85	1.0410	29.70	30.00	0.9900	1032	926	58.54	55.18
3 AXLE	169	155	1.0903	0.58	0.54	1.0741	2.85	2.77	1.0289	162	116	95.86	74.84
SUBTOTAL SINGLE-UNIT	4894	4420	1.1072	16.90	15.41	1.0967	82.45	79.01	1.0435	1976	1370	40.38	31.00
TRACTOR-SEMITRAILER COMBINATIONS													
3 AXLE	223	304	0.7336	0.77	1.06	0.7264	3.75	5.43	0.6906	213	218	95.52	71.71
4 AXLE	169	167	1.0120	0.58	0.58	1.0000	2.85	2.99	0.9532	163	144	96.45	86.23
5 AXLE OR MORE	431	371	1.1617	1.49	1.29	1.1550	7.26	6.63	1.0950	422	330	97.91	88.95
SUBTOTAL TRACTOR-SEMITRAILER COMBINATIONS	823	842	0.9774	2.84	2.93	0.9693	13.86	15.05	0.9209	798	692	96.96	82.19
COMBINATIONS INVOLVING FULL TRAILERS													
4 AXLE-(1)	38	87	0.4368	0.13	0.30	0.4333	0.64	1.56	0.4103	31	27	81.58	31.03
5 AXLE	181	226	0.8009	0.63	0.79	0.7975	3.05	4.04	0.7550	175	172	96.69	76.11
6 AXLE OR MORE		19			0.07			0.34			16		84.21
SUBTOTAL TRUCK-TRAILER COMBINATIONS	219	332	0.6596	0.76	1.16	0.6552	3.69	5.94	0.6212	206	215	94.06	64.76
SUBTOTAL ALL COMBINATIONS	1042	1174	0.8876	3.60	4.09	0.8802	17.55	20.99	0.8361	1004	907	96.35	77.26
SUBTOTAL TRUCKS & COMBINATIONS	5936	5594	1.0611	20.50	19.50	1.0513	100.00	100.00	1.0000	2980	2277	50.20	40.70
BUSSES	100	100	1.0000	0.35	0.35	1.0000							
TOTAL VEHICLES	28954	28684	1.0094	100.00	100.00	1.0000							

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE-AXLE FULL TRAILER.

TABLE W-3 STATE OF MONTANA

NUMBER OF LOADED AND EMPTY VEHICLES COUNTED, AVERAGE TOTAL WEIGHTS, AND AVERAGE EMPTY WEIGHTS OF TRUCKS AND COMBINATIONS OF EACH TYPE AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO CORRESPONDING DATA FOR 1955.

VEHICLE TYPE AND SURVEY YEAR	LOADED & EMPTY VEHICLES		LOADED VEHICLES			EMPTY VEHICLES		
	NUMBER COUNTED	AVERAGE TOTAL WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NUMBER LOADED	AVERAGE LOADED WEIGHT	PERCENT OF TOTAL LOADED AND EMPTY OF EACH TYPE	ESTIMATED NUMBER EMPTY	AVERAGE EMPTY WEIGHT
SINGLE-UNIT TRUCKS, (UNDER 1½ TONS CAPACITY)								
YEAR 1956	2546	4694	35.52	904	5505	64.48	1642	4248
YEAR 1955	2425	5053	49.83	1208	5906	50.17	1217	4205
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 4-TIRED								
YEAR 1956	416	6025	53.68	223	7098	46.32	193	4782
YEAR 1955	162	6959	78.38	127	7521	21.62	35	4925
SINGLE-UNIT TRUCKS, OTHER 2 AXLE, 6-TIRED								
YEAR 1956	1763	11882	58.91	1039	14372	41.09	724	8311
YEAR 1955	1678	12816	64.90	1089	15380	35.10	589	8074
SINGLE-UNIT TRUCKS, 3 AXLE								
YEAR 1956	169	24311	64.20	108	29410	35.80	61	15169
YEAR 1955	155	25078	65.52	102	30795	34.48	53	14215
SUBTOTAL, SINGLE-UNIT TRUCKS								
YEAR 1956	4894	8074	46.47	2274	10848	53.53	2620	5664
YEAR 1955	4420	8772	57.15	2526	11077	42.85	1894	5702
TRACTOR-SEMITRAILERS, 3 AXLE								
YEAR 1956	223	25484	63.85	142	30316	36.15	81	16949
YEAR 1955	304	26654	65.14	198	31473	34.86	106	17650
TRACTOR-SEMITRAILERS, 4 AXLE								
YEAR 1956	169	38684	65.64	111	46927	34.36	58	22934
YEAR 1955	167	38008	65.28	109	46199	34.72	58	22610
TRACTOR-SEMITRAILERS, 5 AXLE OR MORE								
YEAR 1956	431	50626	71.80	309	58745	28.20	122	29954
YEAR 1955	371	49307	73.03	271	56594	26.97	100	29575
SUBTOTAL, TRACTOR-SEMITRAILER COMBINATIONS								
YEAR 1956	823	41361	68.29	562	49228	31.71	261	24358
YEAR 1955	842	38887	68.65	578	46028	31.35	264	23257
COMBINATIONS INVOLVING FULL TRAILERS, 4 AXLE (1)								
YEAR 1956	38	34026	58.06	22	42417	41.94	16	22408
YEAR 1955	87	37563	55.56	48	47760	44.44	39	24817
COMBINATIONS INVOLVING FULL TRAILERS, 5 AXLE								
YEAR 1956	181	51714	52.57	95	72539	47.43	86	28631
YEAR 1955	226	58876	68.02	154	72893	31.98	72	29058
COMBINATIONS INVOLVING FULL TRAILERS, 6 AXLES OR MORE								
YEAR 1956								
YEAR 1955	19	50131	87.50	17	52407	12.50	2	34200
SUBTOTAL, TRUCK-TRAILER COMBINATIONS								
YEAR 1956	219	48645	53.42	117	66875	46.58	102	27655
YEAR 1955	332	52791	65.96	219	65794	34.04	113	27685
SUBTOTAL ALL COMBINATIONS								
YEAR 1956	1042	42892	65.16	679	52269	34.84	363	25284
YEAR 1955	1174	42819	67.89	797	51459	32.11	377	24584
TOTAL ALL TYPES								
YEAR 1956	5936	14186	49.75	2953	20372	50.25	2983	8052
YEAR 1955	5594	15917	59.40	3323	20762	40.60	2271	8837

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE AXLE (DOLLY) FULL TRAILERS.

TABLE W-3P STATE OF MONTANA

AVERAGE LOADED WEIGHT AND AVERAGE EMPTY WEIGHT OF EACH TYPE OF PRIVATELY OPERATED TRUCK AND TRUCK COMBINATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO SIMILAR DATA FOR 1955.

VEHICLE TYPES	LOADED AND EMPTY VEHICLES COUNTED			LOADED VEHICLES			EMPTY VEHICLES		
	TOTAL ALL COUNTED (PRIVATE AND FOR-HIRE)	PERCENTAGE PRIVATE EACH TYPE	ESTIMATED NUMBER PRIVATE	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE LOADED WEIGHT lbs.	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE EMPTY WEIGHT lbs.
TRUCKS, SINGLE UNITS									
PANELS AND PICKUPS									
1956	2546	98.84	2516	35.49	893	5504	64.51	1623	4250
1955	2425	98.28	2383	49.65	1183	5919	50.35	1200	4212
OTHER 2 AXLE, 4-TIRED									
1956	416	96.84	403	53.26	215	7176	46.74	188	4781
1955	162	100.00	162	78.38	127	7521	21.62	35	4925
OTHER 2 AXLE, 6-TIRED									
1956	1763	89.05	1570	60.83	955	14267	39.17	615	8211
1955	1678	95.25	1598	64.74	1035	15398	35.26	563	8024
3 AXLE									
1956	169	72.22	122	59.83	73	31237	40.17	49	14970
1955	155	89.66	139	63.46	88	31012	36.54	51	14253
SUBTOTAL SINGLE UNITS									
1956	4894	94.22	4611	46.32	2136	10470	53.68	2475	5487
1955	4420	96.88	4282	56.82	2433	10944	43.18	1849	5663
TRACTOR SEMITRAILER COMBINATIONS									
3 AXLE									
1956	223	46.01	103	55.10	57	32415	44.90	46	16059
1955	304	43.58	132	64.21	85	31798	35.79	47	16556
4 AXLE									
1956	169	53.99	91	61.36	56	46126	38.64	35	21806
1955	167	65.28	109	62.77	68	46837	37.23	41	22463
5 AXLE OR MORE									
1956	431	34.36	148	61.38	91	63173	38.62	57	29295
1955	371	38.48	143	61.42	88	60879	38.58	55	29671
SUBTOTAL TRACTOR SEMITRAILER COMBINATIONS									
1956	823	41.56	342	59.65	204	49899	40.35	138	22984
1955	842	45.61	384	62.76	241	46660	37.24	143	23294
COMBINATIONS INVOLVING FULL TRAILERS									
4 AXLE OR LESS(1)									
1956	38	38.71	15	66.67	10	26875	33.33	5	16550
1955	87	25.93	23	85.71	20	29517	14.29	3	18700
5 AXLE									
1956	181	16.57	30	58.62	18	70600	41.38	12	27925
1955	226	16.86	38	48.28	18	68093	51.72	20	27867
6 AXLE OR MORE									
1956									
1955	19								
SUBTOTAL TRUCK-TRAILER COMBINATIONS									
1956	219	20.55	45	62.22	28	54984	37.78	17	24579
1955	332	18.37	61	62.30	38	47790	37.70	23	26671
SUBTOTAL ALL COMBINATIONS									
1956	1042	37.14	387	59.95	232	50513	40.05	155	23159
1955	1174	37.90	445	62.70	279	46814	37.30	166	23762
TOTAL ALL TRUCKS AND TRUCK COMBINATIONS									
1956	5936	84.20	4998	47.38	2368	14393	52.62	2630	6529
1955	5594	84.50	4727	57.37	2712	14634	42.63	2015	7154

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE AXLE (DOLLY) FULL TRAILERS.

TABLE W-3F.H. STATE OF MONTANA

TRUCKS AND TRUCK COMBINATIONS OPERATED FOR-HIRE WITH AVERAGE LOADED WEIGHT AND AVERAGE EMPTY WEIGHT OF EACH TYPE AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO SIMILAR DATA FOR 1955.

VEHICLE TYPES	LOADED AND EMPTY VEHICLES COUNTED			LOADED VEHICLES			EMPTY VEHICLES		
	TOTAL ALL COUNTED (PRIVATE AND FOR-HIRE)	PERCENTAGE FOR-HIRE EACH TYPE	ESTIMATED NUMBER FOR-HIRE	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE LOADED WEIGHT lbs.	PERCENTAGE OF TOTAL LOADED AND EMPTY EACH TYPE	ESTIMATED NUMBER EACH TYPE	AVERAGE EMPTY WEIGHT lbs.
TRUCKS, SINGLE UNITS									
PANELS AND PICKUPS									
1956	2546	1.16	30	62.50	19	5600	37.50	11	4080
1955	2425	1.72	42	60.00	25	5267	40.00	17	3750
OTHER 2 AXLE, 4-TIRED									
1956	416	3.16	13	66.67	9	5200	33.33	4	4800
1955	162								
OTHER 2 AXLE, 6-TIRED									
1956	1763	10.95	193	43.36	84	15569	56.64	109	8875
1955	1678	4.75	80	68.18	55	15027	31.82	25	9193
3 AXLE									
1956	169	27.78	47	75.56	36	25647	24.44	11	16018
1955	155	10.34	16	83.33	13	29360	16.67	3	13500
SUBTOTAL SINGLE UNITS									
1956	4894	5.78	283	52.30	148	16110	47.70	135	8946
1955	4420	3.12	138	67.39	93	14407	32.61	45	7424
TRACTOR SEMITRAILER COMBINATIONS									
3 AXLE									
1956	223	53.99	120	71.30	86	28934	28.70	34	18136
1955	304	56.42	172	65.85	113	31227	34.15	59	18536
4 AXLE									
1956	169	46.01	78	70.67	55	47743	29.33	23	24677
1955	167	34.72	58	70.00	41	45123	30.00	17	22953
5 AXLE OR MORE									
1956	431	65.64	283	77.26	219	56903	22.74	64	30540
1955	371	61.52	228	80.30	183	54544	19.70	45	29458
SUBTOTAL TRACTOR SEMITRAILER COMBINATIONS									
1956	823	58.44	481	74.84	360	48822	25.16	121	25940
1955	842	54.39	458	73.58	337	45579	26.42	121	23218
COMBINATIONS INVOLVING FULL TRAILERS									
4 AXLE OR LESS (1)									
1956	38	61.29	23	52.63	12	54850	47.37	11	25011
1955	87	74.07	64	45.00	29	59922	55.00	35	25373
5 AXLE									
1956	181	83.43	151	51.37	78	72979	48.63	73	28751
1955	226	83.14	188	72.03	135	73546	27.97	53	29505
6 AXLE OR MORE									
1956									
1955	19	100.00	19	87.50	17	52407	12.50	2	34200
SUBTOTAL TRUCK-TRAILER COMBINATIONS									
1956	219	79.45	174	51.72	90	70562	48.28	84	28261
1955	332	81.63	271	66.79	181	69378	33.21	90	28002
SUBTOTAL ALL COMBINATIONS									
1956	1042	62.86	655	68.70	450	53170	31.30	205	26891
1955	1174	62.10	729	71.06	518	53895	28.94	211	25259
TOTAL ALL TRUCKS AND TRUCK COMBINATIONS									
1956	5936	15.80	938	63.75	598	44117	36.25	340	19766
1955	5594	15.50	867	70.47	611	47884	29.53	256	22124

(1) MAY INCLUDE COMBINATIONS OF TRUCK AND ONE AXLE (DOLLY) FULL TRAILERS.

TABLE W-4

STATE OF MONTANA

NUMBER OF AXLE LOADS OF VARIOUS MAGNITUDES OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE WEIGHED AND THE PROBABLE NUMBER OF SUCH LOADS OF EACH GENERAL TYPE AND OF ALL TYPES COUNTED AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO SIMILAR DATA IN 1955.

AXLE LOADS IN POUNDS	SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS								COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	PANEL & PICKUP UNDER 1½ TONS		OTHER 2 AXLE 4-TIRED		OTHER 2 AXLE 6-TIRED		3 AXLE		ALL SINGLE UNIT TRUCKS		3 AXLE		4 AXLE		5 AXLE OR MORE		ALL TRACTOR SEMITRAILER COMBINATIONS		4 AXLE OR LESS		5 AXLE		6 AXLE		ALL TRUCK-TRAILER COMBINATIONS					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
UNDER 8,000	1373	580	190	73	1623	1385	276	184	8981	7909	376	362	293	269	676	547	1388	1432	59	47	378	248		53	457	531	1845	1963	10826	9872
8,000 - 8,499		2		1	34	23	29	10	88	76	19	14	21	22	135	94	180	151	8	6	35	29		4	53	61	233	212	321	288
8,500 - 8,999					31	25	24	15	78	65	12	13	28	24	117	126	161	188	2	8	25	33		5	30	74	191	262	269	327
9,000 - 9,499	1				22	24	17	10	59	57	14	14	24	22	94	75	135	129	3		35	42		2	40	58	175	187	234	244
9,500 - 9,999					25	22	19	14	62	59	10	15	21	6	80	56	114	91	4	3	34	39		4	40	65	154	156	216	215
10,000 - 10,999					56	41	23	20	120	101	17	16	22	19	108	96	151	152	9	4	5	7		8	17	31	168	183	288	284
11,000 - 11,999					45	51	15	11	93	107	24	18	26	31	115	97	170	170		2		4		4		16	170	186	263	293
12,000 - 12,999					47	61	13	15	94	131	24	39	29	21	178	140	237	236		2	8	3		1	8	11	245	247	339	378
13,000 - 13,999					50	62	8	14	94	131	36	46	24	19	172	128	238	230		2	19	17		9	20	39	258	269	352	400
14,000 - 14,999					46	41	24	31	104	116	35	41	42	43	147	99	230	218	2	2	42	72		4	46	105	276	323	380	439
15,000 - 15,999					36	29	18	16	80	74	19	25	42	41	197	133	265	232	4	3	126	149		1	135	206	400	438	480	512
16,000 - 16,999					25	31	16	6	59	64	19	17	43	21	72	40	138	93	5	2	61	58			69	82	207	175	266	239
17,000 - 17,999					16	38		2	27	71	20	18	19	23	6	8	47	61	13	20	93	141		1	112	247	159	308	186	379
18,000 - 18,999					6	14	4		14	25	12	12	16	9	4	4	33	32	6	2	14	15			22	26	55	58	69	83
19,000 - 19,999						4				7	2	1	1	5	3	3	6	11				3				4	6	15	6	22
20,000 - 21,999					1				2			2		1	6	3	6	7									6	7	8	7
22,000 - 23,999					1	1			2	2		1				1		2										2	2	4
24,000 - 25,999													1				1										1		1	
TOTAL AXLES WEIGHED	1374	582	190	74	2064	1852	486	348	XXXX	XXXX	639	654	652	576	2110	1650	XXXX	XXXX	115	103	875	860	-	96	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
TOTAL AXLES COUNTED	5092	4850	832	324	3526	3356	507	465	9957	8995	669	912	676	668	2155	1855	3500	3435	144	312	905	1130	-	114	1049	1556	4549	4991	14506	13986

TABLE W-5

STATE OF MONTANA

NUMBER OF LOADED AND EMPTY TRUCKS AND TRUCK COMBINATIONS OF EACH TYPE OF VARIOUS TOTAL WEIGHTS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956 COMPARED TO CORRESPONDING DATA FOR 1955.

TOTAL WEIGHT IN POUNDS	SINGLE UNIT TRUCKS										TRACTOR-SEMITRAILER COMBINATIONS								COMBINATIONS INVOLVING FULL TRAILERS								ALL COMBINATIONS		ALL TRUCKS AND COMBINATIONS	
	PANEL & PICKUP UNDER 1½ TONS		OTHER 2 AXLE 4-TIRED		OTHER 2 AXLE 6-TIRED		3 AXLE		ALL SINGLE UNIT TRUCKS		3 AXLE		4 AXLE		5 AXLE OR MORE		ALL TRACTOR SEMITRAILER COMBINATIONS		4 AXLE OR LESS		5 AXLE		6 AXLE		ALL TRUCK-TRAILER COMBINATIONS					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
UNDER 6,000	617	235	54	12	70	48			2643	2098																			2643	2098
6,001 - 8,000	53	41	27	16	164	148			595	680									1						1		1		596	680
8,001 - 10,000	13	9	10	6	226	162	1	2	479	398	5	1					5	1									5	1	484	399
10,001 - 12,000	3	6	4	3	137	108	6	4	269	264	2	4					2	6	1						1		3	6	272	270
12,001 - 14,000					107	87	20	12	204	174	10	7	1				12	10	2						2		14	10	218	184
14,001 - 16,000	1				92	91	15	15	177	185	22	12	1	2			24	19									24	19	201	204
16,001 - 18,000					91	109	8	8	164	208	22	28	1	1			24	40		1						3	24	43	188	251
18,001 - 20,000					79	71	11	4	147	134	15	15	7	10			23	33	1	1					1	3	24	36	171	170
20,001 - 22,000					32	56	13	6	68	109	15	15	10	11		1	26	35	2	1	1				4	3	30	38	98	147
22,001 - 24,000					22	32	14	5	52	65	10	8	17	13	2	2	30	28	4	4	1				6	13	36	41	88	106
24,001 - 26,000					10	12	8	5	26	28	17	9	7	7	19	18	44	41	7	5	14	4			23	21	67	62	93	90
26,001 - 28,000					1	1	11	8	13	13	13	13	11	8	21	9	47	37	1	3	14	15			16	29	63	66	76	79
28,001 - 30,000					1	1	14	4	16	7	10	15	8	5	18	19	37	48	1	2	28	19			30	32	67	80	83	87
30,001 - 32,000							3	6	3	8	9	27	7	3	30	27	47	71			21	13			22	17	69	88	72	96
32,001 - 34,000							5	6	5	8	13	13	2	4	21	14	37	39			3	3		2	3	7	40	46	45	54
34,001 - 36,000							5	6	5	8	11	10	5	4	7	11	24	31	1						1		25	31	30	39
36,001 - 38,000							9	10	9	13	14	16	3	4	7	7	25	35						2		2	25	37	34	50
38,001 - 40,000							3	6	3	8	7	12	4	2	6	4	18	24				2				3	18	27	21	35
40,001 - 42,000							10	9	10	12	9	6	4	5	7	7	21	22			1			1	1	1	22	23	32	35
42,001 - 45,000							5		5		9	6	4	8	12	12	26	31	1		1			2	2	2	28	33	33	33
45,001 - 50,000							1		1				17	10	31	21	49	35						1		1	49	36	50	36
50,001 - 55,000												1	23	27	28	30	52	67		1				2		6	52	73	52	73
55,001 - 60,000													31	20	64	47	98	76	3	3	1	2		2	5	15	103	91	103	91
60,001 - 65,000															56	34	57	38	6	6	3	4			11	25	68	63	68	63
65,001 - 70,000															56	41	57	46			10	12		2	10	18	67	64	67	64
70,001 - 75,000															33	23	34	26			54	57		2	56	77	90	103	90	103
75,001 - 80,000															2		2	3				39			24	51	26	54	26	54
80,001 - 85,000																						2				3		3		3
85,001 - 95,000															2		2										2		2	
TOTAL VEHICLES WEIGHED	687	291	95	37	1032	926	162	116	XXXX	XXXX	213	218	163	144	422	330	XXXX	XXXX	31	27	175	172	-	16	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
TOTAL VEHICLES COUNTED	2546	2425	416	162	1763	1678	169	155	4894	4420	223	304	169	167	431	371	823	842	38	87	181	226	-	19	219	332	1042	1174	5936	5594

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP		AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
2	2S1	Roofing	P	416	55	178	183				12.6	20.6				33.2		1.7								1.7							
	2S2	Roofing	P	575	73	178	162	162			13.0	18.6	4.0			35.6							C-D	1.3								B-D	7.8
	3S2	Fuel Oil	P	661	96	147	148	135	135		14.4	4.0	20.0	4.0		42.4														6.0	B-E	10.9
	2S2	Grain	P	535	65	163	153	154			12.0	18.0	4.0			34.0															B-D	2.8
	3S2	Pipe	H	723	108	147	147	160	161		18.0	4.0	20.0	4.0		46.0						5.1	B-E	6.4						10.6	B-E	20.7
	3S2	Gas	H	700	88	152	153	153	154		16.0	4.0	26.0	4.0		50.0														2.4	B-E	9.3
	3-2	Gas	H	730	92	153	154	168	163		18.0	4.0	15.0	18.6		55.6							B-D	0.6						0.6	B-D	10.5
	3-2	Gas	H	761	87	161	162	177	174		18.0	4.0	15.6	17.0		54.6						0.1	B-D	4.2						5.8	B-E	15.4
	3S2	Cement	P	692	81	156	157	149	149		18.6	4.0	26.6	4.0		53.2															B-E	7.6
	3S1	Cement	P	460	69	114	114	163			11.0	4.0	10.0			25.0															B-D	1.9
	2S2	Hay	P	512	50	156	153	153			12.4	16.6	4.0			33.0															B-D	3.1
	2-2	Gas	H	627	100	180	175	172			16.6	12.4	16.9			45.9															B-D	1.7
	2S2	Gas	P	523	75	150	149	149			12.8	14.4	4.0			31.2															B-D	6.5
	2D	Dairy	P	255	70	185					13.2					13.2	2.8								2.8							
	3-2	Gas	H	714	72	147	148	176	171		18.6	4.0	14.0	18.6		55.2							B-D	1.5							B-D	11.9
	3-2	Gas	H	735	87	154	154	167	173		19.6	4.0	15.6	17.1		56.3														1.3	B-E	10.9
	3-2	Gas	H	747	87	152	153	175	180		14.0	4.0	18.0	19.0		55.0														3.9	B-E	7.2
	3S2	Cement	H	723	88	161	161	156	157		16.0	4.0	24.0	4.0		48.0						2.7	B-E	3.8						8.1	B-E	16.9
	3-2	Gas	H	747	95	152	152	173	175		18.6	4.2	14.6	19.6		57.0							B-D	1.1						1.9	B-D	11.0
	3-2	Butane	H	736	94	155	155	167	165		17.0	4.0	16.0	18.4		55.4														2.4	B-D	8.7
	3S2	Steel	H	686	81	143	144	159	159		15.6	4.0	21.6	4.0		45.2						0.9	B-E	1.7						6.1	B-E	14.9
	2S2	Cinder Blocks	H	594	94	180	160	160			15.0	21.0	4.0			40.0															B-D	3.4
	3S2	Lumber	H	691	84	154	154	149	150		19.0	4.0	25.0	4.0		52.0															B-E	10.0
	2D	Groc.	P	256	70	186					13.6					13.6	3.3								3.3							
	3-2	Gas	P	745	100	157	157	165	166		18.6	4.0	14.0	19.0		55.6							B-D	3.2						2.6	B-D	13.8
	3-2	Gas	H	722	89	148	149	169	167		18.6	4.0	14.0	18.6		55.2							B-D	0.4						0.4	B-D	10.7

TABLE W-6 STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
3	3-2	Rd.Oil	H	697	97	148	149	153	150		15.0	4.0	13.0	17.0		49.0														3.1	B-D	9.3
	3-2	Rd.Oil	H	769	97	159	160	175	178		18.0	4.0	16.0	16.0		54.0						2.3	B-E	4.0						8.0	B-E	16.7
	2S2	Hay	P	565	71	169	162	163			13.0	19.6	4.0			36.6							C-D	1.6							B-D	4.1
	3-2	Fuel Oil	H	703	92	147	147	167	150		18.6	4.0	14.0	18.6		55.2															B-E	9.6
	3	Cement Blocks	P	449	74	187	188				14.3	4.0				18.3	3.9	4.4					B-C	17.2	3.9	4.4				6.7	B-C	17.2
	3-2	Cement	H	736	95	150	150	175	166		14.0	4.0	18.5	17.8		54.3														3.4	B-E	5.4
	2S2	Prod.	P	574	88	191	147	148			11.0	28.0	4.0			43.0	6.1								6.1							
	3S2	Groc.	P	687	92	144	145	153	153		17.0	4.0	22.0	4.0		47.0														3.9	B-E	13.0
	3-2	Rd.Oil	P	776	100	157	157	182	180		17.6	4.0	13.0	20.6		55.2			1.1			2.1	B-D	8.8			1.1			7.9	B-D	20.5
	3S2	Cement	P	718	80	161	160	158	159		16.0	4.0	25.0	4.0		49.0						0.8	B-E	2.8						6.2	B-E	15.7
	2S2	Frt.	H	575	98	180	148	149			13.0	19.0	4.2			36.2															B-D	2.4
	3S2	Prod.	H	676	90	145	146	147	148		14.0	4.0	24.0	4.0		46.0														3.4	B-E	7.9
	3-2	Rd.Oil	H	737	95	150	150	173	169		18.1	4.0	13.0	20.0		55.1							B-D	3.7						2.5	B-D	14.9
	3-2	Gas	H	756	98	156	157	172	173		15.0	4.0	16.0	18.0		53.0						1.6	A-E	1.6						7.2	B-E	11.1
	3S2	Cement	P	751	110	160	160	160	161		16.0	4.0	30.0	4.0		54.0							D-E	0.3						5.5	B-E	8.2
	3S2	Lumber	P	651	80	145	145	140	141		12.0	4.0	20.0	4.0		40.0														7.1	B-E	12.1
	3S2	Beer	P	708	82	155	156	157	158		16.0	4.0	28.0	4.2		52.2														1.5	B-E	8.7
	3S2	Peas	P	709	87	152	151	159	160		15.6	4.0	24.0	4.0		47.6						0.7	B-E	1.6						6.0	B-E	14.5
	3-2	Rd.Oil	H	764	99	158	158	177	172		18.0	4.0	18.0	16.0		56.0							B-E	0.3						5.3	B-E	12.3
	3-2	Gas	H	741	85	150	160	171	175		17.0	4.0	15.6	16.5		53.1							B-E	1.6						5.1	B-E	13.9
	3S2	Diesel	H	666	75	149	149	146	147		12.0	4.0	25.6	4.0		45.6														1.8	B-E	5.6
	3S2	Grain	P	666	75	150	150	145	146		13.0	4.0	27.0	4.0		48.0															B-E	4.1
	3-2	Rd.Oil	H	745	93	155	155	171	171		15.2	4.0	18.6	19.6		57.4														1.7	B-E	4.6
	3-2	Cement	H	763	92	159	159	176	177		14.0	4.0	18.0	19.0		55.0						0.4	A-E	0.4						6.1	B-E	9.0
	2S2	Dry Ice	P	552	83	168	150	151			14.6	18.6	4.0			37.2															B-D	0.7
	3S2	Cement	H	700	102	185	186	113	114		17.6	4.0	25.0	4.0		50.6	2.8	3.3					B-C	15.9	2.8	3.3				1.4	B-C	15.9

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
3	3S2	Wheat	H	720	96	158	158	154	154		18.0	4.0	24.0	4.0		50.0							B-E	2.0						5.3	B-E	14.9
	3S2	Cement	H	727	84	163	161	159	160		17.6	4.0	28.0	4.0		53.6							B-C	1.3						2.1	B-E	11.6
	3S2	Prod.	P	653	89	136	137	146	145		15.6	4.0	22.0	4.0		45.6															B-E	7.1
	3-2	Rd.Oil	H	757	96	155	155	176	175		17.0	4.0	15.0	19.0		55.0							B-D	3.0						5.3	B-D	13.1
	3S2	Cement	P	720	90	157	157	158	158		17.6	4.0	24.6	4.0		50.2							B-E	1.5						5.3	B-E	14.2
	3S2	Cement	H	705	76	162	163	152	152		16.0	4.0	24.6	4.0		48.6							B-E	1.4						4.3	B-E	14.0
	3-2	Rd.Oil	H	746	100	150	150	172	174		16.0	4.0	19.0	16.0		55.0														3.8	B-E	7.7
4	2S2	Grain	P	567	97	169	150	151			15.0	18.0	4.0			37.0															B-D	2.8
	3S2	Oil	P	627	83	135	135	137	137		14.0	4.6	21.0	4.0		43.6															B-E	3.3
	3S2	Frt.	H	635	88	136	137	137	137		13.6	4.0	24.0	4.0		45.6															B-E	0.7
	2-2	Rd.Oil	H	631	100	171	180	180			14.6	11.0	15.6			41.2														2.5	B-D	6.0
	3S2	Fruit	P	632	75	143	143	135	136		10.0	4.0	22.6	4.0		40.6														2.6	B-E	4.1
	2S2	Fruit	P	591	89	180	161	161			12.0	19.0	4.0			35.0							C-D	0.6						4.1	B-D	7.8
	3S2	Pipe	P	706	104	149	150	152	151		17.0	4.6	28.0	4.0		53.6															B-E	3.1
	2S2	Pipe	P	596	106	166	162	162			18.0	21.0	4.0			43.0							C-D	1.3							B-D	1.3
	3-2	Frt.	H	735	88	153	153	171	170		13.6	4.6	19.0	18.0		55.2														2.2	B-E	3.8
	2S2	Oil Equip.	P	558	76	248	117	117			13.0	24.6	4.6			42.2	37.8								37.8								
	2S1	Oil Equip.	P	444	59	189	196				12.0	23.0				35.0	5.0	8.9							5.0	8.9							
	3S2	Mach.	P	596	80	121	121	137	137		11.0	4.0	19.0	4.0		38.0														0.6	B-E	3.0
	2S2	Mach.	P	473	85	182	103	103			10.0	20.0	4.0			34.0	1.1								1.1								
	2S2	Cement	H	538	67	165	153	153			14.5	15.5	4.0			34.0															B-D	7.3
	2S2	Cement	P	561	67	173	160	161			12.0	16.0	4.0			32.0							B-D	2.9						3.3	B-D	12.5
	3-2	Butane	H	701	74	160	161	153	153		15.0	4.0	17.0	14.6		50.6														1.5	B-E	8.8
	2S2	Prod.	P	543	71	182	145	145			11.0	20.0	4.0			35.0	1.1								1.1								
	3-2	Gas	H	754	96	156	156	172	174		15.0	4.0	18.0	19.6		56.6														2.9	B-D	5.9
5	3-2	Oil	P	722	92	148	147	165	170		14.0	4.6	16.6	20.6		55.8															B-D	2.7

TABLE W-6 STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
5	2S2	Cement	H	566	81	175	155	155			15.6	21.0	4.0			40.6															B-D	0.3
	3-2	Oil	P	707	82	155	155	156	159		16.6	4.6	15.0	19.0		55.2															B-D	6.2
	3-2	Oil	P	725	95	150	150	167	163		14.0	4.6	18.6	17.6		54.8														0.8	B-E	2.3
	2S2	Frt.	H	557	82	177	149	149			14.0	19.0	4.6			37.6															B-D	0.1
	2S2	Frt.	H	560	91	172	148	149			14.0	18.6	4.6			37.2															B-D	0.7
	2S2	Frt.	H	569	89	181	149	150			12.6	17.0	4.6			34.2	0.6								0.6					1.6	B-D	5.0
	2S2	Yeast	H	563	80	179	152	152			14.0	19.0	4.0			37.0															B-D	3.7
	3S2	Mach.	H	610	76	120	121	146	147		14.6	4.6	20.6	4.6		44.4															B-E	1.4
	3S2	Mach.	H	592	66	124	124	139	139		14.0	4.6	19.6	4.6		42.8															B-E	1.5
	3S2	Gas	P	658	92	135	134	148	149		16.0	4.6	24.6	4.0		49.2															B-E	2.6
	2S2	Salt	P	570	71	181	159	159			12.0	21.0	4.6			37.6	0.6								0.6						B-D	1.4
	3-2	Oil	P	733	95	150	151	166	171		14.0	4.0	16.6	20.6		55.2														2.0	B-D	4.2
	2S2	Meat	H	578	91	175	156	156			13.0	21.0	4.0			38.0															B-D	0.7
	3-2	Gas	P	702	92	148	149	155	158		13.6	4.6	15.0	15.6		48.8														3.8	B-E	7.4
	3-2	Oil	P	723	92	143	143	169	176		14.0	4.6	18.6	18.0		55.2														0.6	B-E	2.5
	3-2	Oil	P	736	96	150	151	168	171		14.6	4.6	16.6	20.0		55.8														1.4	B-D	4.7
	3-2	Gas	H	755	90	157	157	178	173		14.0	4.6	17.0	20.0		55.6														4.0	B-D	7.7
	2S2	Meat	H	550	92	181	138	139			10.6	19.6	4.0			34.2	0.6								0.6							
6	3S2	Gas	P	696	78	159	152	149	158		16.9	4.0	27.0	4.0		51.9															B-E	8.8
	2S2	Frt.	H	557	86	186	132	153			11.7	19.6	4.4			35.7	3.3								3.3							
	3-2	Gas	H	741	97	158	143	178	165		14.3	4.6	16.9	20.0		55.8														2.1	B-D	4.8
	2S1	Lumber	P	391	66	130	195				11.7	17.0				28.7		8.3								8.3						
	3S2	Fruit	P	724	102	152	154	157	159		16.9	4.6	25.3	4.6		51.4														4.8	B-E	9.5
	3-2	Gas	H	732	98	137	168	153	176		17.6	4.6	14.5	18.5		55.2														1.8	B-E	7.1
	3S2	Mach.	P	709	64	166	163	158	158		12.8	4.0	20.0	4.0		40.8						4.3	B-E	11.6						15.1	B-E	26.6
	2S2	Frt.	H	562	97	182	130	153			13.6	16.6	4.6			34.8	1.1								1.1						B-D	3.8

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLE GROUP		AXLE LOAD						MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
6	3-2	Gas.	H	778	98	157	155	187	181		17.2	4.6	15.3	18.3		55.4			3.9	0.6		2.4	B-D	4.0			3.9	0.6		8.2	B-E	14.8
	2S2	Frt.	H	560	94	187	125	154			11.6	19.5	4.6			35.7	3.9								3.9							
	3S2	Beer	P	716	77	165	157	144	173		16.0	4.0	23.3	4.6		47.9						1.7	B-E	4.4						7.0	B-E	17.6
	2S2	Frt.	H	571	100	180	127	164			13.1	19.2	4.0			36.3															B-D	1.1
7	3	Gravel	P	416	100	158	158				12.6	4.6				17.2														1.1	A-C	1.1
	2S1	Gravel	P	425	69	182	174				12.0	18.6				30.6	1.1								1.1							
	3-2	Fuel Oil	H	739	88	155	155	172	169		19.0	4.0	13.7	19.0		55.7							B-D	3.9						1.8	B-D	14.5
	3	Gravel	P	418	83	167	168				12.6	4.6				17.2							B-C	4.7						1.6	B-C	4.7
	3-2	Propane	P	767	87	165	166	175	174		13.6	4.0	19.4	18.3		55.3						0.9	B-C	3.4						6.7	B-E	9.0
	3S2	Sand	P	695	67	154	154	160	160		13.0	4.0	17.3	4.0		38.3						4.8	B-E	13.7						17.4	B-E	29.9
	3-2	Sand	P	693	68	157	157	155	156		13.0	4.0	17.3	4.0		38.3						4.5	B-E	13.1						17.0	B-E	29.3
	3S2	Cement	H	731	93	162	162	157	157		14.9	4.0	22.6	4.0		45.5						6.3	B-E	5.7						11.8	B-E	19.3
	3	Sand	P	415	98	158	159				12.6	4.0				16.6														0.8	A-C	0.8
	3-2	Gas	H	748	91	155	155	172	175		18.5	4.0	14.0	18.9		55.4							B-D	3.9						4.0	B-D	14.5
	3S2	Mach.	P	667	100	142	142	141	142		18.0	4.0	23.0	4.0		49.0															B-E	6.0
	3	Sand	P	421	92	164	165				12.6	4.6				17.2							B-C	2.8						2.3	B-C	2.8
	3-2	Gas	H	767	97	160	160	175	175		17.5	4.0	15.0	19.3		55.8						0.4	B-D	4.9						5.7	B-D	15.1
	3S2	Sand	P	689	66	154	154	157	158		13.0	4.0	17.3	4.0		38.3						3.9	B-E	12.8						16.4	B-E	28.9
	3S2	Sand	P	688	66	157	158	153	154		13.0	4.0	17.3	4.0		38.3						3.8	B-E	12.6						16.2	B-E	28.7
	3S2	Frt.	H	678	90	162	162	132	132		15.0	4.0	26.0	4.0		49.0							B-C	1.3						0.3	B-E	5.0
	2S1-2	Frt.	H	731	98	143	126	165	199		9.7	18.5	8.6	19.0		55.8				10.6								10.6		0.7	A-E	0.7
	3	Gravel	P	418	98	160	160				12.6	4.6				17.2														1.6	A-C	1.6
	3	Conc. Blocks	P	455	85	185	185				16.0	4.0				20.0	2.8	2.8					B-C	15.6	2.8	2.8				3.6	B-C	15.6
	3S2	Gravel	P	689	66	153	154	158	158		13.0	4.0	17.3	4.0		38.3						3.9	B-E	12.8						16.4	B-E	28.9
	3S2	Gravel	P	693	67	157	158	155	156		13.0	4.0	17.3	4.0		38.3						4.5	B-E	13.3						17.0	B-E	29.5
	3S2	Frt.	P	677	83	137	137	160	160		15.0	4.6	24.3	4.0		47.9														1.2	B-E	7.7

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLE GROUP			AXLE LOAD						MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																	
7	3-2	Oil	H	730	90	158	159	163	160		15.3	4.6	18.0	15.0		52.9															3.6	B-E	8.1
	3	Gravel	P	420	102	159	159				12.6	4.0				16.6															2.0	A-C	2.0
	2S1	Gravel	P	432	69	180	183				12.0	18.6				30.6		1.7								1.7							
	3-2	Gas	H	752	97	153	154	175	173		17.0	4.6	18.0	16.0		55.6															3.6	B-E	9.2
	3S2	Chem.	P	676	68	143	143	161	161		13.0	4.0	24.0	4.0		45.0							D-E	0.6							4.6	B-E	11.9
	3S2	Cement	H	713	83	157	158	157	158		16.7	4.0	27.4	4.0		52.1															2.2	B-E	10.9
	3S2	Gravel	P	698	66	156	157	159	160		13.0	4.0	17.3	4.0		38.3						5.3	B-E	14.4							17.9	B-E	30.7
	3S2	Gravel	P	689	66	156	157	155	155		13.0	4.0	17.3	4.0		38.3						3.9	B-E	12.8							16.4	B-E	28.9
	3S2	Pipe	H	659	110	155	156	119	119		16.0	4.0	20.0	4.0		44.0															3.2	B-E	7.8
	3	Gravel	P	414	84	165	165				12.6	4.0				16.6							B-C	3.1							0.6	B-C	3.1
	3	Gravel	P	422	98	162	162				12.4	4.0				16.4							B-C	1.3							4.9	B-C	1.3
	3S2	Frozen Food	P	699	93	144	145	158	159		17.0	4.0	25.0	4.0		50.0															2.3	B-E	9.9
	3S2	Gravel	P	692	65	155	156	158	158		13.0	4.0	17.3	4.0		38.3						4.4	B-E	13.5							16.9	B-E	29.7
	3S2	Gravel	P	698	66	161	161	155	155		13.0	4.0	17.3	4.0		38.3						5.3	B-E	14.4							17.9	B-E	30.7
	3	Gravel	P	416	100	158	158				12.4	4.0				16.4															3.4	A-C	3.4
	3	Gravel	P	409	87	161	161				12.6	4.0				16.6							B-C	0.6								B-C	0.6
	2S1	Gravel	P	428	68	184	176				12.0	18.6				30.6	2.2								2.2							
	3S2	Gravel	P	692	65	155	155	158	159		12.7	4.6	17.2	4.0		38.5						3.1	B-E	11.8							15.3	B-E	27.4
	3-2	Gas	H	738	92	144	145	177	180		17.2	4.0	15.6	19.0		55.8															1.7	B-E	7.7
	3S2	Gravel	P	699	66	158	158	158	159		12.8	4.6	19.7	4.0		41.1						2.8	B-E	9.5							13.5	B-E	24.2
	2S1	Gravel	P	426	68	182	176				12.0	18.4				30.4	1.1								1.1							
	3	Gravel	P	415	87	164	164				12.2	4.0				16.2							B-C	2.5							3.2	B-C	2.5
	3S2	Tanks	P	724	102	153	153	158			14.6	4.6	25.2	4.0		48.4						2.8	A-E	2.8							8.2	B-E	11.1
	3	Sand	P	413	97	158	158				12.6	4.0				16.6															0.3	A-C	0.3
	3S2	Sand	P	693	64	154	155	160	160		12.7	4.0	17.6	4.0		38.3						4.5	B-E	12.1							17.0	B-E	27.8
	3S2	Sand	P	676	66	153	153	152	152		12.6	4.0	16.2	4.0		36.8						3.3	B-E	19.1							15.7	B-E	28.5

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW									PERCENTAGE OVER A.A.S.H.O.								
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																	
7	2D	Lumber	P	229	44	185					13.2					13.2	2.8								2.8								
	3S2	Beer	P	640	75	140	141	142	142		17.0	4.0	23.2	4.0		48.2															B-E	5.6
	3	Sand	P	420	83	168	169				12.6	4.0				16.6							B-C	5.3						2.0	B-C	5.3
	3-2	Diesel	H	745	95	151	151	174	174		14.0	4.6	18.0	19.4		56.0														2.6	B-E	4.2
	3S2	Grain	P	643	68	133	134	154	154		12.0	4.6	24.0	4.6		45.2															B-E	4.2
	3-2	Gas	H	746	88	155	155	175	173		15.6	4.6	16.2	19.1		55.5														2.8	B-D	8.3
	3-2	Gas	H	745	96	155	155	169	170		18.5	4.0	14.4	18.5		55.4							B-D	3.2						3.6	B-D	13.8
	3S2	Frt.	H	763	100	161	162	170	170		15.8	4.0	25.0	4.6		49.4						7.2	D-E	6.3						12.8	B-E	18.4
	3S2	Mach.	P	611	61	110	110	165	165		11.0	4.0	21.5	4.0		40.5							D-E	3.1							B-E	4.5
	3-2	Gas	H	746	95	158	159	167	167		17.0	4.6	15.5	19.0		56.1							B-D	0.8						2.8	B-D	10.3
	3-2	Gas	H	760	95	159	160	175	171		13.1	4.0	18.2	20.0		55.3														5.7	B-D	8.1
	2S2	Lumber	P	473	58	185	115	115			13.3	24.5	4.0			41.8	2.8								2.8								
	3S2	Cement	H	724	90	158	158	159	159		14.6	4.6	22.0	4.0		45.2						6.5	B-E	5.1						12.0	B-E	18.5
	3-2	Gas	H	747	93	157	157	168	172		18.6	4.0	14.6	17.6		54.8							B-D	2.1						3.9	B-E	13.5
	2-3	Rd.Oil	H	700	86	189	162	131	132		15.0	13.6	14.6	4.0		47.2	5.0					0.6	B-E	0.3	5.0					5.8	B-E	13.0
	3S2	Prod.	H	732	95	160	161	158	158		17.8	4.0	25.0	4.0		50.8						0.6	B-E	2.7						6.0	B-E	15.5
	3-2	Gas	H	749	93	156	157	171	172		15.3	4.0	16.5	18.4		54.2														5.2	B-E	9.3
	3-2	Gas	H	740	92	155	156	167	170		18.2	4.6	14.0	19.0		55.8							B-D	1.3						1.9	B-D	11.2
	3-2	Gas	H	764	95	155	155	176	183		16.0	4.6	16.2	18.3		55.1				1.7		0.5	A-E	0.5				1.7		6.3	B-E	11.5
	3-2	Gas	H	754	99	151	152	176	176		17.0	4.6	15.3	18.6		55.5														3.9	B-E	9.2
	2S2	Equip.	H	572	89	161	161	161			15.8	17.7	4.0			37.5							C-D	0.6							B-D	5.7
	3-2	Gas	H	761	93	155	155	178	180		17.4	4.6	15.3	18.5		55.8							B-D	1.7						4.8	B-E	12.8
	3S2	Fruit	P	746	99	162	162	161	162		17.0	4.6	25.5	4.0		51.1						2.5	B-E	2.9						8.0	B-E	15.6
	2D	Beer	P	248	66	182					13.5					13.5	1.1								1.1								
	3-2	Rd.Oil	H	764	96	156	157	175	180		17.2	4.0	15.0	18.6		54.8						0.5	B-D	3.4						6.3	B-D	13.5
	3-2	Rd.Oil	H	740	97	158	158	165	162		16.8	4.0	17.3	17.5		55.6														1.9	B-D	7.4

TABLE W-6 STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
8	3S2	Frt.	H	719	97	158	158	153	153		17.2	4.2	25.3	4.2		50.9														4.1	B-E	11.1
	3-2	Gas	H	743	90	152	153	172	176		18.7	4.3	13.7	18.8		55.5							B-D	2.8							2.4	B-D	13.4
	2S2	Groc.	P	401	65	187	74	75			13.0	13.6	4.0			30.6	3.9								3.9							
	2-2	Gas	H	624	83	180	178	183			14.6	14.4	17.7			46.7			1.7								1.7					
	3-2	Gas	H	749	91	152	153	177	176		19.2	4.3	13.6	19.2		56.3							B-D	3.9							3.2	B-E	23.2
	3-2	Gas	H	657	93	102	103	178	181		18.3	4.3	13.8	19.2		55.6				0.6								0.6				
	3S2	Frt.	H	668	108	135	135	145	145		15.0	4.0	22.2	4.0		45.2														3.3	B-E	6.4
	3-2	Lumber	P	690	95	140	140	157	158		15.5	4.5	17.1	16.5		53.6															B-E	0.5
	3-2	Gas	H	770	90	162	162	179	177		18.3	4.4	13.7	19.3		55.7						0.8	B-D	8.4						6.1	B-D	19.5
	2S1 -2	Seed	H	707	100	129	164	130	184		9.7	17.9	9.2	18.9		55.7				2.2								2.2				
9	3-2	Gas	H	701	81	141	142	171	166		16.8	4.4	14.8	20.0		56.0															B-D	5.6
	3S2	Frt.	H	623	84	142	138	137	122		17.8	4.4	22.4	4.3		48.9															B-E	0.8
	3-2	Gas	H	734	93	132	170	169	170		17.4	4.4	14.8	19.4		56.0														1.1	B-D	9.6
	3-2	Gas	H	726	90	150	148	172	166		17.0	4.4	14.0	20.0		55.4							B-D	1.3							1.0	B-D	11.7
	3S2	Logs	P	723	95	155	155	157	161		16.0	4.4	18.0	4.2		42.6						6.3	B-E	10.3							14.5	B-E	25.4
	3-2	Gas	H	739	93	154	153	170	169		18.8	4.3	14.5	18.6		56.2							B-D	1.1							1.8	B-D	11.0
	3S2	Seed	P	704	81	162	158	146	157		17.5	4.4	24.6	4.0		50.5							B-E	0.4							1.9	B-E	12.9
	3S2	Logs	H	898	96	206	206	198	192		15.2	4.4	18.0	4.0		41.6	14.4	14.4	10.0	6.7		32.1	A-E	32.1	14.4	14.4	10.0	6.7		44.0	B-E	42.6
	2D	Gravel	P	266	61	205					12.5					12.5	13.9								13.9							
	2D	Gravel	P	287	61	226					12.8					12.8	25.6								25.6							
	2D	Mach.	P	248	66	182					12.5					12.5	1.1								1.1							
10	2D	Frt.	H	222	39	183					15.0					15.0	1.7								1.7							
	3S2	Frt.	H	684	72	156	156	150	150		13.3	4.2	29.6	4.1		51.2															B-E	0.7
	3-2	Gas	H	764	95	160	160	170	179		16.8	4.3	13.5	19.4		54.0						1.6	B-D	5.6						7.3	B-D	16.4
	3-2	Rd.Oil	H	748	94	150	150	178	176		14.6	4.3	18.4	18.4		55.7														3.0	B-E	6.2
	3-2	Gas	H	741	96	158	159	169	159		19.0	4.4	12.6	17.8		53.8							B-D	6.6						4.1	B-D	18.1

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD						MAXIMUM AXLEGROUP			AXLE LOAD						MAXIMUM AXLEGROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT	B	C	D	E	F	GROSS WEIGHT	AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
10	3S2	Cars	P	658	88	144	144	141	141		15.6	4.0	22.0	4.7		46.3														0.6	B-E	6.6
	3-2	Oil	H	737	86	146	146	177	182		17.0	4.0	17.1	17.4		55.5				1.1									1.1		1.5	B-E	8.5
	3S2	Logs	H	670	59	141	141	164	165		13.2	4.0	20.0	3.7		40.9							B-E	5.7							8.8	B-E	19.9
	3-2	Diesel	H	750	99	154	154	171	172		18.1	4.3	12.7	18.6		53.7							B-D	5.0							5.3	B-D	16.4
	3S2	Frt.	H	621	72	132	131	143	143		13.7	4.1	22.3	4.3		44.4																B-E	2.6
	3S2	Prod.	H	662	84	151	151	138	138		17.4	4.4	25.3	3.8		50.9																B-E	3.3
	2S1	Feed	P	413	69	181	163				14.0	17.8				31.8	0.6									0.6							
	3-2	Gas	H	752	93	151	151	177	180		17.3	4.3	14.0	18.1		53.7							B-D	3.2							5.6	B-E	14.4
	3S2	Frt.	H	626	94	130	131	135	136		14.6	4.3	22.0	3.6		44.5																B-E	1.0
	3S2	Mach.	P	637	80	138	139	140	140		13.2	4.4	21.1	4.0		42.7														0.9	B-E	5.8
	3-2	Diesel	H	737	89	155	156	170	167		18.0	4.4	13.2	17.6		53.2							B-D	3.7							4.5	B-D	14.3
	3-2	Lumber	P	652	73	149	149	142	139		15.4	4.0	15.0	14.2		48.6																B-E	5.0
	2S2	Pie	P	521	89	183	124	125			10.8	20.8	4.3			35.9	1.7									1.7							
	3-2	Gas	H	749	93	155	155	170	176		17.5	4.3	15.0	18.6		55.4							B-D	1.7							4.2	B-D	11.7
	3S2	Logs	H	698	83	151	152	156	156		15.3	4.3	21.6	4.0		45.2						2.7	B-E	3.4							8.0	B-E	16.8
	3S2	Logs	H	661	81	151	151	139	139		15.4	4.0	19.6	4.3		43.3							B-E	0.4							4.7	B-E	13.8
	3S2	Logs	H	602	55	146	147	127	127		15.2	4.0	19.7	3.8		42.7																B-E	7.4
	3S2	Flour	P	663	80	136	136	155	156		16.4	4.2	23.0	4.0		47.6																B-E	9.0
	3S2	Logs	H	623	67	146	147	131	132		14.6	4.1	20.0	4.3		43.0																B-E	9.1
	3S2	Logs	H	571	61	142	142	113	113		14.4	4.1	19.3	4.1		41.9																B-E	0.1
	3-2	Gas	H	745	92	156	156	171	170		16.8	4.0	14.4	18.2		53.4						0.1	B-D	4.1							5.7	B-D	14.8
	3S2	Fruit	P	681	74	154	155	149	149		14.0	4.0	25.0	4.1		47.1															3.0	B-E	10.0
	3S2	Food	H	713	90	162	162	149	150		19.0	4.3	24.5	4.0		51.8							B-C	1.3							2.2	B-E	12.9
	3S2	Wheat	P	677	73	144	144	158	158		17.3	4.2	24.9	4.1		50.5																B-E	9.5
	2S2	Prod.	H	589	87	178	162	162			15.0	21.0	4.0			40.0							C-D	1.3								B-D	3.8
	3-2	Gas	P	751	96	152	153	174	176		17.7	4.3	13.0	17.8		52.8						0.9	B-D	5.0							6.5	B-D	16.4

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B FT.	B-C FT.	C-D FT.	D-E FT.	E-F FT.	WHEEL BASE FT.	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
10	3S2	Frt.	H	662	78	141	141	151	151		17.0	4.6	21.8	4.0		47.4														0.1	B-E	10.9
	3S2	Grain	P	663	87	133	134	154	155		11.5	4.1	24.7	4.1		44.4														3.8	B-E	4.4
	3S2	Frt.	H	679	82	145	145	153	154		17.8	4.3	25.0	4.2		51.3															B-E	6.7
	3S2	Lumber	H	681	79	139	140	161	162		11.0	3.9	22.6	4.0		41.5						0.1	D-E	0.9						9.2	B-E	12.5
	3S2	Prod.	H	723	92	154	155	161	161		18.6	4.4	24.0	4.0		51.0							B-E	3.1						4.7	B-E	16.1
11	2-2	Rd.Oil	H	618	89	177	178	174			15.0	12.6	13.6			41.2														0.4	B-D	7.5
	3-2	Conc. Forms	H	694	87	129	129	182	167		17.6	4.4	15.0	17.6		54.6			1.1									1.1			B-E	5.6
	3-2	Fuel Oil	H	727	84	155	154	167	167		17.2	4.4	14.8	19.2		55.6							B-D	0.9						0.2	B-D	10.7
	3S2	Logs	P	690	83	149	149	154	155		16.4	4.2	19.6	4.2		44.4						1.5	B-E	5.0						8.0	B-E	19.1
	3S2	Frt.	H	628	89	147	148	122	122		10.6	4.3	21.6	4.0		40.5														2.0	B-E	2.4
	3S2	Frt.	H	630	93	135	134	134	134		10.6	4.2	20.6	4.0		39.4														5.0	B-E	3.7
	3S2	Frt.	H	598	92	98	99	155	154		15.7	4.0	17.9	4.2		41.8															B-E	2.8
	3S2	Cans	P	674	89	153	154	139	139		14.5	4.4	28.0	4.0		50.9															B-E	1.5
	3S2	Prod.	H	681	79	143	144	157	158		13.6	4.2	25.0	4.0		46.8														3.0	B-E	9.1
	2-2	Rd.Oil	H	594	101	173	162	158			15.0	12.6	13.6			41.2															B-D	0.2
	2-2	Rd.Oil	H	620	105	180	169	166			14.9	12.5	13.8			41.2														0.7	B-D	4.6
	*3S2	Cat.	P	900	85	208	207	200	200		17.0	4.6	23.8	3.6		49.0	15.6	15.0	11.1	11.1		26.4	B-E	33.2	15.6	15.0	11.1	11.1		33.1	B-E	50.0
	3S2	Conc. Pipe	H	715	87	153	153	161	161		17.9	4.2	23.9	4.2		50.2							B-E	2.6						4.6	B-E	15.6
	3S2	Conc. Pipe	H	708	87	151	152	159	159		17.9	4.2	23.9	4.2		50.2							B-E	1.5						3.6	B-E	14.3
	3S2	Logs	H	613	50	139	140	142	142		14.4	4.0	17.6	4.4		40.4							B-E	0.4						0.8	B-E	14.4
	3-2	Gas	H	735	90	148	149	176	172		13.2	4.2	18.4	19.0		54.8														2.2	B-E	3.4
	3S2	Feed	P	670	87	142	142	149	150		16.6	4.2	22.4	4.0		47.2														1.3	B-E	9.0
	3S2	Logs	H	670	82	145	145	149	149		14.0	4.2	17.3	4.2		39.7							B-E	4.8						10.2	B-E	19.5
	3S2	Cement	H	724	85	160	160	159	160		17.2	4.2	24.6	4.0		50.0						0.6	B-E	3.0						5.9	B-E	15.8
	3S2	Logs	P	646	60	149	149	144	144		15.6	4.0	16.6	4.0		40.2							B-E	6.1						6.3	B-E	21.2
	3-2	Lumber	H	731	94	154	155	161	167		15.6	4.0	18.4	14.3		52.3														4.7	B-E	9.0

* Overload Permit

TABLE W-6

STATE OF MONTANA

LISTING SHOWING TOTAL WEIGHT, AXLE LOADS AND AXLE SPACING OF TRUCKS AND TRUCK COMBINATIONS VIOLATING ONE OR MORE OF MONTANA'S STATUTORY LIMITS OR ONE OR MORE OF THE A.A.S.H.O.'S RECOMMENDATIONS AT 10 LOADOMETER STATIONS DURING THE PERIOD FROM JULY 30 TO SEPTEMBER 5, 1956

STATION NUMBER	VEHICLE TYPE DESIGNATION	COMMODITY CARRIED	PRIVATE OR FOR-HIRE	TOTAL WEIGHT	AXLE LOADS						AXLE SPACING						PERCENTAGE OVER STATE LAW								PERCENTAGE OVER A.A.S.H.O.							
																	AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP		AXLE LOAD					GROSS WEIGHT	MAXIMUM AXLE GROUP	
					A	B	C	D	E	F	A-B	B-C	C-D	D-E	E-F	WHEEL BASE	B	C	D	E	F		AXLE GROUP	PER CENT	B	C	D	E	F		AXLE GROUP	PER CENT
											FT.	FT.	FT.	FT.	FT.	FT.																
11	3S2	Cement	H	720	88	152	153	163	164		17.8	4.0	23.7	4.2		49.7							B-E	3.3						5.3	B-E	16.3
	3S2	Logs	P	630	77	144	145	132	132		14.0	4.2	17.5	4.4		40.1														3.6	B-E	12.4
	3S2	Meat	P	644	86	127	127	152	152		11.9	4.4	24.8	4.2		45.3															B-E	1.2
	3S2	Logs	P	661	63	140	141	158	159		15.8	4.1	16.7	4.1		40.7							B-E	8.2						7.3	B-E	23.7
	3S2	Frt.	H	614	86	133	134	130	131		11.7	4.4	20.3	4.2		40.6															B-E	1.9
	3S2	Lumber	P	584	64	126	127	133	134		13.2	4.2	19.5	4.2		41.1															B-E	2.1
	3S2	Flour	P	629	78	135	136	140	140		13.8	4.0	20.7	4.1		42.6															B-E	6.4
	3S2	Frt.	H	617	84	139	139	127	128		15.2	4.4	21.8	4.0		45.4															B-E	1.2
	3S2	Frt.	H	659	89	156	156	129	129		15.3	4.4	26.4	4.4		50.5															B-E	0.4

AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS
Recommended Truck Loads

No axle shall carry a load in excess of 18,000 pounds. No group of axles shall carry a load in pounds in excess of the value given in the following table corresponding to the distance in feet between the extreme axles of the group measured longitudinally to the nearest foot.

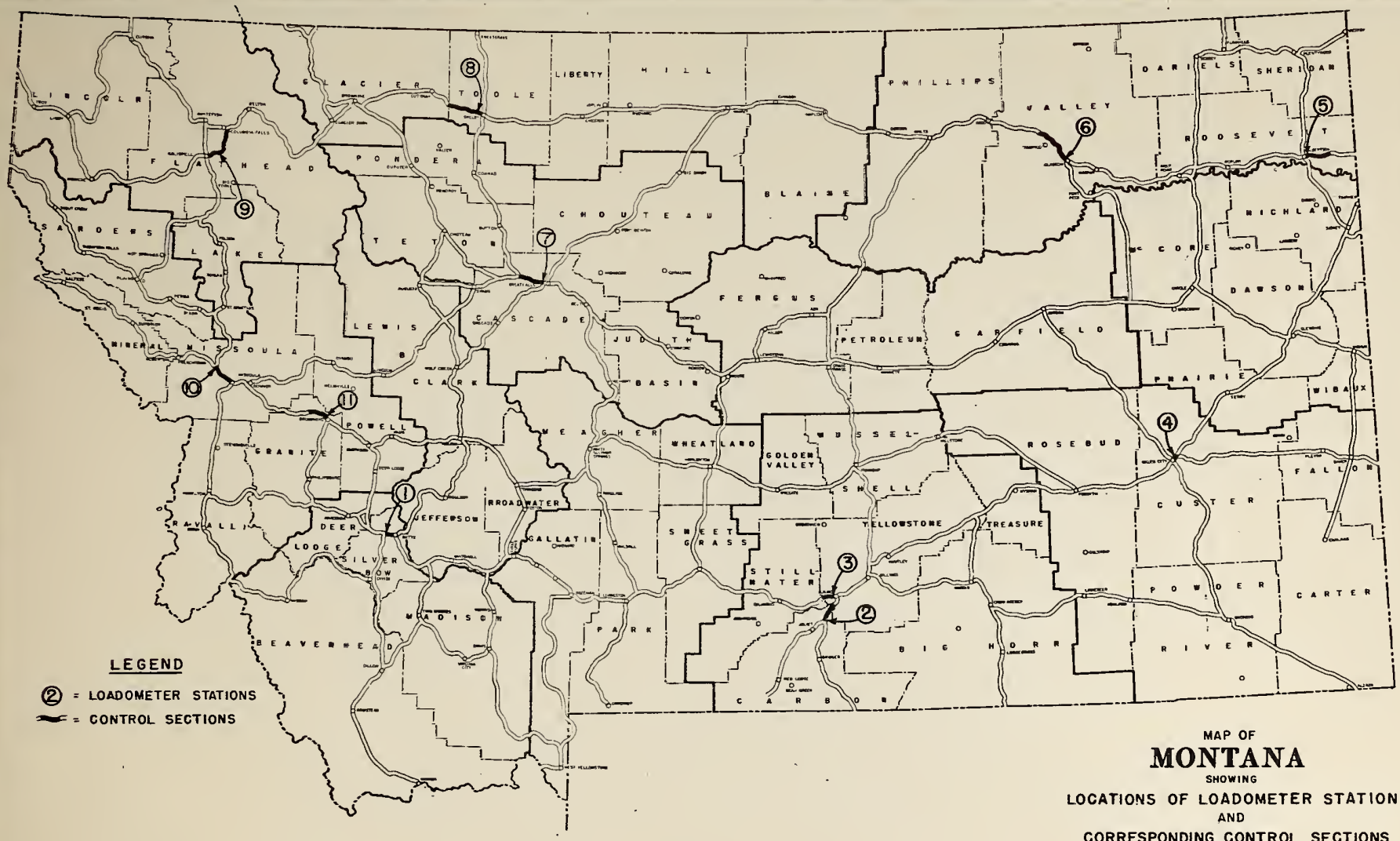
Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles	Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles
4	32,000	31	53,490
5	32,000	32	54,300
6	32,000	33	55,160
7	32,000	34	55,980
8	32,610	35	56,800
9	33,580	36	57,610
10	34,550	37	58,420
11	35,510	38	59,220
12	36,470	39	60,010
13	37,420	40	60,800
14	38,360	41	61,580
15	39,300	42	62,360
16	40,230	43	63,130
17	41,160	44	63,890
18	42,080	45	64,650
19	42,990	46	65,400
20	43,900	47	66,150
21	44,800	48	66,890
22	45,700	49	67,620
23	46,590	50	69,350
24	47,470	51	69,070
25	48,350	52	69,790
26	49,220	53	70,500
27	50,090	54	71,200
28	50,950	55	71,900
29	51,800	56	72,590
30	52,650	57	73,280

STATE OF MONTANA MAXIMUM LEGAL WEIGHTS OF VEHICLES AND COMBINATIONS OF VEHICLES, AS AMENDED 1953

Permissible Loads: No axle shall carry a load in excess of 18,000 pounds. An axle load shall be defined as the total load transmitted to the road by all wheels whose centers may be included between two parallel transverse vertical planes 40 inches apart, extending across the full width of the vehicle.

Subject to the above limitations, the following schedule of gross weights, in pounds, applies to distance in feet between the extreme axles of any group measured to the nearest foot. If a fraction is exactly one-half foot, the next largest whole number is used.

Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles	Distance in Feet Between the Extremes of Any Group of Axles	Maximum Load in Pounds Carried On Any Group of Axles
4	32,000	31	60,350
5	32,000	32	61,200
6	32,200	33	62,050
7	32,900	34	62,900
8	33,600	35	63,750
9	34,300	36	64,600
10	35,000	37	65,450
11	35,700	38	66,300
12	36,400	39	67,150
13	37,100	40	68,000
14	43,200	41	68,000
15	44,000	42	68,000
16	44,800	43	68,000
17	45,600	44	68,000
18	46,400	45	68,000
19	47,200	46	68,800
20	48,000	47	69,600
21	48,800	48	70,400
22	49,600	49	71,200
23	50,400	50	72,000
24	51,200	51	72,800
25	55,250	52	73,600
26	56,100	53	74,400
27	56,950	54	75,200
28	57,800	55	76,000
29	58,650	56	76,400
30	59,500	57	76,800



MAP OF

MONTANA

SHOWING

LOCATIONS OF LOADOMETER STATIONS

AND

CORRESPONDING CONTROL SECTIONS

PREPARED BY

STATE HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE

BUREAU OF PUBLIC ROADS

SEPT. 1, 1950